



**Energy Information Administration**  
Washington, DC

# Weekly Coal Production

Production for Week Ended:  
July 22, 1989



## Preface

The *Weekly Coal Production (WCP)* report provides weekly production estimates of U.S. coal by State, as well as supplementary data which are usually published twice a month. This week's Coal Exports and Imports Supplement contains annual as well as detailed monthly data on U.S. coal and coke exports and imports. The other supplement contains detailed monthly data covering electric utility coal consumption, stocks, and receipts (quantity and price).

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as

specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution Report*, the *Quarterly Coal Report*, *Coal Production 1987*, and *Coal Data: A Reference*.

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July 31, 1989

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# Summary

U.S. coal production in the week ended July 22, 1989, as estimated by the Energy Information Administration, totaled 17 million short tons, a 22 percent increase from the previous week, but 2 percent less than the comparable week in 1988. Production East of the Mississippi totaled 10 million short tons compared to 7 million short tons in the previous week, a 39 percent increase and approximately the same as the comparable period in 1988.

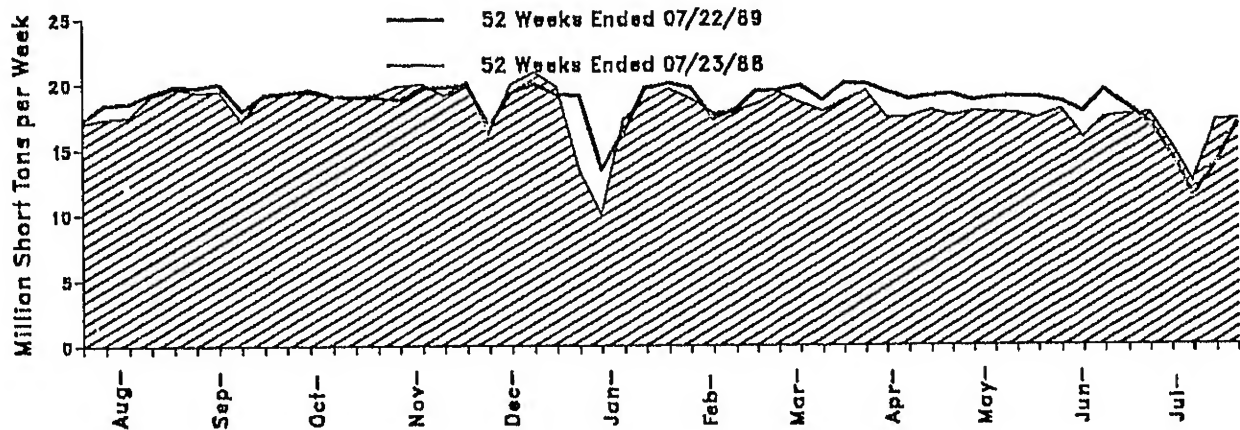
The increase in production reflects the return to work on July 17 of most of the United Mine Workers of America (UMWA) miners following the 5-day work stoppage (memorial period) called the previous week. The UMWA left memorial periods standing in two districts covering northern West Virginia and parts of Ohio.

As of July 21, approximately 10 percent of the miners east of the Mississippi were involved in wildcat strikes. This number dropped to 2 percent on July 27.

Negotiations between the Pittston Coal Group and the UMWA continued the week of July 24, 1989. According to a Pittston representative, the negotiations were recessed the afternoon of July 27 and will resume on August 1.

U.S. coal exports for the first five months of 1989 (January through May) are over 20 percent greater (7 million short tons) than those for the comparable period of 1988, predominantly in response to higher demand from European metallurgical and steam coal markets.

Figure 1. Coal Production



**Table 1. Coal Production**

Production and Carloadings	Week Ended			52 Weeks Ended		
	07/22/89	07/15/89	07/23/88	07/22/89	07/23/88	Percent Change
<b>Production (Thousand Short Tons)</b>						
Bituminous <sup>1</sup> and Lignite .....	16,857	13,842	17,180	961,278	934,675	2.8
Pennsylvania Anthracite .....	62	39	62	3,507	3,564	-1.6
U.S. Total .....	16,919	13,881	17,242	964,786	938,239	2.8
Railroad Cars Loaded .....	111,930	91,365	119,758	6,363,841	6,066,253	

<sup>1</sup> Includes subbituminous coal.

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and, State mining agency coal production reports.

**Table 2. Coal Production by State**  
(Thousand Short Tons)

Region and State	Week Ended		
	07/22/89	07/15/89	07/23/88
<b>Bituminous Coal<sup>1</sup> and Lignite</b>			
East of the Mississippi .....	10,277	7,372	10,325
Alabama .....	421	278	488
Illinois .....	1,186	815	1,088
Indiana .....	577	385	636
Kentucky .....	2,738	1,984	3,011
Kentucky, Eastern .....	2,082	1,463	2,277
Kentucky, Western .....	656	521	734
Maryland .....	51	42	49
Ohio .....	560	399	551
Pennsylvania Bituminous .....	1,237	830	1,126
Tennessee .....	100	67	124
Virginia .....	815	565	813
West Virginia .....	2,592	2,007	2,338
West of the Mississippi .....	6,580	6,470	6,854
Alaska .....	27	22	24
Arizona .....	220	180	235
Arkansas .....	2	2	15
Colorado .....	305	240	288
Iowa .....	7	5	5
Kansas .....	9	7	10
Louisiana .....	69	69	49
Missouri .....	70	58	74
Montana .....	713	690	686
New Mexico .....	168	645	166
North Dakota .....	502	486	460
Oklahoma .....	31	23	36
Texas .....	1,016	833	1,017
Utah .....	371	288	345
Washington .....	87	71	85
Wyoming .....	2,985	2,853	3,361
Bituminous <sup>1</sup> and Lignite Total .....	16,857	13,842	17,180
Pennsylvania Anthracite .....	62	39	62
U.S. Total .....	16,919	13,881	17,242

<sup>1</sup> Includes subbituminous coal.

Notes: All data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and, State mining agency coal production reports.

**Table 3. Coal Exports and Imports<sup>1</sup>: 1980-1989**  
(Thousand Short Tons and Dollars per Short Ton)

Year and Month	Exports						Imports	
	Metallurgical		Steam <sup>2</sup>		Total		Quantity	Average Price
	Quantity	Average Price <sup>3</sup>	Quantity	Average Price <sup>3</sup>	Quantity	Average Price <sup>3</sup>		
1980 .....	63,103	\$54.54	28,839	\$41.39	91,742	\$50.44	1,184	\$25.53
1981 .....	65,234	57.40	47,307	45.92	112,541	52.57	1,043	28.47
1982 .....	64,585	61.07	41,692	49.11	106,277	56.37	742	30.40
1983 .....	49,964	55.49	27,807	46.18	77,772	52.16	1,271	33.59
1984 .....	56,975	52.41	24,508	48.77	81,483	50.72	1,286	35.37
1985 .....	60,313	50.46	32,367	43.92	92,680	48.18	1,952	36.04
1986 .....	54,977	47.81	30,541	42.60	85,518	45.95	2,212	36.02
1987								
January .....	4,118	46.54	1,353	41.42	5,471	45.27	134	42.40
February .....	3,189	46.13	1,454	41.61	4,643	44.71	85	30.57
March .....	4,075	45.53	1,587	41.03	5,662	44.43	111	29.59
April .....	4,434	45.82	1,795	40.41	6,229	44.26	229	30.76
May .....	4,644	45.29	1,912	41.28	6,557	44.12	135	31.12
June .....	4,323	43.82	3,005	38.12	7,328	41.48	118	34.14
July .....	3,815	43.36	2,796	39.50	6,611	41.73	120	31.80
August .....	4,848	44.26	2,809	39.49	7,758	42.47	191	31.41
September .....	3,951	43.66	2,714	38.97	6,665	41.75	164	32.64
October .....	4,290	43.36	2,343	39.61	6,633	42.03	86	30.27
November .....	4,290	43.51	2,820	38.29	7,210	41.39	263	31.03
December .....	4,902	42.92	3,140	39.02	8,042	41.40	109	28.80
Total .....	51,879	44.49	27,928	39.60	79,607	42.77	1,747	32.04
1988								
January .....	3,449	43.00	984	37.58	4,434	41.80	159	28.57
February .....	3,458	42.81	1,024	41.16	4,482	42.43	162	27.41
March .....	5,119	42.85	2,028	39.44	7,145	41.98	221	30.34
April .....	5,901	43.07	3,042	40.04	8,943	42.44	107	27.24
May .....	4,953	44.98	2,952	39.35	7,905	42.88	224	43.49
June .....	4,980	44.82	3,073	38.92	8,053	42.57	257	27.96
July .....	5,445	44.73	2,858	37.22	8,303	42.15	203	25.34
August .....	5,389	44.94	3,933	37.42	9,322	41.77	205	27.13
September .....	6,518	44.34	3,547	36.74	10,066	41.66	29	34.35
October .....	5,821	44.06	3,389	39.08	9,010	42.19	229	25.55
November .....	5,563	44.70	2,775	38.47	8,338	42.63	207	31.80
December .....	5,555	44.17	3,469	39.39	9,023	42.33	131	32.63
Total .....	61,950	44.17	33,073	38.59	95,023	42.23	2,134	29.96
1989								
January .....	4,488	43.92	1,818	36.29	6,306	41.72	60	36.14
February .....	5,298	44.32	1,450	37.14	6,748	42.78	131	31.89
March .....	6,163	44.17	2,212	36.98	8,375	42.27	334	33.86
April .....	6,061	44.08	3,042	38.46	9,104	42.20	158	31.46
May .....	6,303	45.40	3,381	37.40	9,685	42.61	312	32.19
1989 Year to Date .....	28,313	44.41	11,904	37.39	40,217	42.33	1,001	32.85
1988 Year to Date .....	22,879	43.56	10,029	39.58	32,908	42.35	872	32.46
1987 Year to Date .....	21,280	45.82	8,101	41.12	29,381	44.53	695	32.67

<sup>1</sup> Includes Puerto Rico.

<sup>2</sup> Includes bituminous, subbituminous, lignite, and anthracite.

<sup>3</sup> Average price of all coal exports in this category.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 4. Coal Exports: May 1989**  
(Short Tons)

Continent and Country of Destination	May 1989	April 1989	May 1988	Year to date		
				1989	1988	Percent Change
<b>North America Total</b> .....	<b>1,699,054</b>	<b>1,871,430</b>	<b>2,094,078</b>	<b>4,442,911</b>	<b>4,132,218</b>	<b>7.5</b>
Canada .....	1,669,886	1,861,565	2,085,050	4,357,535	3,821,980	14.0
Dominican Republic .....	-	-	-	18,851	39,192	-51.9
Mexico .....	9,228	3,178	2,392	39,835	231,645	-82.8
Other <sup>1</sup> .....	19,940	6,687	6,636	26,690	39,401	-32.3
<b>South America Total</b> .....	<b>417,492</b>	<b>456,944</b>	<b>280,923</b>	<b>3,078,930</b>	<b>1,847,875</b>	<b>66.6</b>
Argentina .....	-	-	18	259,596	118,042	119.9
Brazil .....	369,691	370,119	280,905	2,518,154	1,708,241	47.4
Chile .....	47,696	85,712	-	298,774	283	( <sup>2</sup> )
Other <sup>1</sup> .....	105	1,113	-	2,406	21,309	-88.7
<b>Europe Total</b> .....	<b>4,694,299</b>	<b>4,506,383</b>	<b>3,257,824</b>	<b>21,638,849</b>	<b>16,098,134</b>	<b>34.4</b>
Albania .....	-	24,792	26,137	48,491	78,430	-38.2
Belgium & Luxembourg .....	991,004	567,131	458,440	3,378,125	2,462,459	37.2
Denmark .....	564,380	64,390	260,205	1,104,080	382,853	188.4
Finland .....	-	-	-	93	-	-
France .....	374,974	595,518	197,252	2,709,642	1,752,615	54.6
Ireland .....	64,750	84,223	167,629	372,453	746,595	-50.1
Italy .....	1,065,877	891,756	995,769	4,952,102	4,466,068	10.9
Netherlands .....	367,427	717,163	326,917	2,658,138	1,651,660	60.9
Norway .....	30,194	7,874	10,800	74,814	90,481	-17.3
Portugal .....	83,072	167,524	40,347	448,559	296,372	51.3
Romania .....	18,441	58,155	60,620	260,234	418,803	-37.9
Spain .....	338,454	214,900	161,153	1,399,723	917,447	52.6
Sweden .....	-	61,949	68,643	136,773	186,293	-26.6
Turkey .....	60,583	318,123	211,837	727,990	613,941	18.6
United Kingdom .....	491,947	448,087	172,393	2,338,928	1,369,088	70.8
West Germany .....	192	110,563	-	255,429	239,089	6.8
Yugoslavia .....	167,803	131,640	99,682	677,572	410,621	65.0
Other <sup>1</sup> .....	75,201	12,595	-	95,703	15,319	( <sup>2</sup> )
<b>Asia Total</b> .....	<b>2,545,981</b>	<b>1,975,728</b>	<b>2,223,547</b>	<b>9,961,143</b>	<b>10,400,960</b>	<b>-4.3</b>
China (Taiwan) .....	634,958	235,711	467,304	1,443,981	2,189,739	-34.1
Israel .....	148,817	134,215	121,498	283,032	121,498	133.0
Japan .....	1,377,732	1,275,143	1,053,404	6,507,190	6,425,890	1.3
Korea, Republic of .....	384,321	329,672	581,287	1,692,291	1,643,947	2.9
Pakistan .....	-	-	-	30,281	27,693	9.3
Other <sup>1</sup> .....	153	987	54	4,368	193	( <sup>2</sup> )
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>-</b>	<b>45</b>	<b>-</b>	<b>964</b>	<b>-</b>
<b>Africa Total</b> .....	<b>327,801</b>	<b>293,215</b>	<b>48,296</b>	<b>1,095,230</b>	<b>420,207</b>	<b>160.6</b>
Algeria .....	127,948	122,405	-	438,596	275,565	59.2
Egypt .....	48,312	52,072	48,296	285,752	144,842	97.6
Other <sup>1</sup> .....	151,541	118,738	-	370,882	-	-
<b>Total</b> .....	<b>9,684,627</b>	<b>9,103,700</b>	<b>7,904,713</b>	<b>40,217,063</b>	<b>32,908,358</b>	<b>22.2</b>

<sup>1</sup> Includes countries with exports less than or equal to 50,000 short tons in 1988.

<sup>2</sup> Changes of 500 percent or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."



**Table 5. Average Price<sup>1</sup> of Coal Exports: May 1989**  
(Dollars per Short Ton)

Continent and Country of Destination	May 1989	April 1989	May 1988	Year to date		
				1989	1988	Percent Change
<b>North America Total</b> .....	<b>\$42.65</b>	<b>\$42.53</b>	<b>\$42.16</b>	<b>\$42.09</b>	<b>\$42.26</b>	<b>-0.4</b>
Canada .....	42.81	42.56	42.20	42.19	42.41	-.5
Dominican Republic .....	-	-	-	36.38	38.70	-6.0
Mexico .....	37.75	42.79	37.12	41.53	41.52	(*)
Other <sup>2</sup> .....	30.59	31.75	30.21	30.89	30.21	2.3
<b>South America Total</b> .....	<b>45.02</b>	<b>42.86</b>	<b>45.03</b>	<b>44.21</b>	<b>43.06</b>	<b>2.7</b>
Argentina .....	-	-	-	44.02	43.09	2.2
Brazil .....	46.20	45.95	45.03	45.12	43.06	4.8
Chile .....	35.90	29.54	-	31.66	34.98	-9.5
Other <sup>2</sup> .....	35.00	39.98	-	39.76	35.02	13.5
<b>Europe Total</b> .....	<b>40.40</b>	<b>42.25</b>	<b>42.01</b>	<b>41.68</b>	<b>42.28</b>	<b>-1.4</b>
Albania .....	-	44.91	37.78	42.50	37.43	13.6
Belgium & Luxembourg .....	43.09	42.16	42.93	42.86	42.63	.5
Denmark .....	33.28	31.03	35.64	32.91	36.08	-8.8
Finland .....	-	-	-	39.68	-	-
France .....	41.47	39.82	44.72	40.38	43.71	-7.6
Ireland .....	32.96	32.96	39.42	37.16	39.88	-6.8
Italy .....	40.71	43.98	42.80	42.77	42.29	1.1
Netherlands .....	41.11	39.69	40.19	40.12	41.40	-3.1
Norway .....	39.97	-	-	39.97	41.91	-4.6
Portugal .....	40.87	40.34	35.90	39.71	38.35	3.0
Romania .....	-	46.48	44.87	43.69	42.42	3.0
Spain .....	-	44.40	-	45.20	43.38	4.2
Sweden .....	-	46.62	46.28	40.47	44.07	-8.2
Turkey .....	43.68	43.47	42.17	43.12	42.34	1.8
United Kingdom .....	-	46.17	46.87	44.87	43.81	2.4
West Germany .....	39.93	43.16	-	39.75	43.59	-8.8
Yugoslavia .....	42.07	44.32	41.88	43.27	42.03	2.9
Other <sup>2</sup> .....	36.29	-	-	36.29	-	-
<b>Asia Total</b> .....	<b>42.09</b>	<b>41.33</b>	<b>42.73</b>	<b>42.21</b>	<b>41.42</b>	<b>1.9</b>
China (Taiwan) .....	36.42	34.29	39.74	37.09	40.46	-8.3
Israel .....	39.92	38.55	36.06	39.27	36.06	8.9
Japan .....	43.70	42.27	44.18	42.85	41.82	2.5
Korea, Republic of .....	46.54	43.87	43.88	44.62	41.53	7.4
Other <sup>2</sup> .....	37.66	36.64	34.91	37.52	38.08	-1.5
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>-</b>	<b>39.56</b>	<b>-</b>	<b>37.78</b>	<b>-</b>
<b>Africa Total</b> .....	<b>38.45</b>	<b>39.72</b>	<b>44.13</b>	<b>40.26</b>	<b>43.21</b>	<b>-6.8</b>
Algeria .....	44.04	44.70	-	44.75	42.72	4.7
Egypt .....	45.89	45.95	44.13	45.61	44.13	3.3
Other <sup>2</sup> .....	31.35	31.86	-	31.57	-	-
<b>Total</b> .....	<b>41.53</b>	<b>42.05</b>	<b>42.38</b>	<b>42.02</b>	<b>42.06</b>	<b>-.1</b>
<b>U.S. Total<sup>3</sup></b> .....	<b>42.61</b>	<b>42.20</b>	<b>42.88</b>	<b>42.33</b>	<b>42.35</b>	<b>(*)</b>

<sup>1</sup> Based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of \$28 to \$47 inclusively.

<sup>2</sup> Includes countries with exports less than or equal to 50,000 short tons in 1988.

<sup>3</sup> Average price of all coal exports in this category.

(\*) Rounded to zero

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 6. Steam<sup>1</sup> Coal Exports: May 1989**  
(Short Tons)

Continent and Country of Destination	May 1989	April 1989	May 1988	Year to date		
				1989	1988	Percent Change
<b>North America Total</b> .....	895,574	1,082,635	1,293,037	2,734,437	2,285,258	19.7
Canada .....	866,406	1,072,770	1,284,009	2,667,912	2,209,176	20.8
Mexico .....	9,228	3,178	2,392	39,835	36,681	8.6
Other <sup>2</sup> .....	19,940	6,687	6,636	26,690	39,401	-32.3
<b>South America Total</b> .....	47,801	86,825	7,529	301,279	123,550	143.9
Argentina .....	-	-	18	99	18	450.0
Brazil .....	-	-	7,511	-	101,940	-
Chile .....	47,696	85,712	-	298,774	283	( <sup>3</sup> )
Other <sup>2</sup> .....	105	1,113	-	2,406	21,309	-88.7
<b>Europe Total</b> .....	1,573,828	1,105,603	1,067,263	6,390,273	4,152,606	53.9
Belgium & Luxembourg .....	92,998	90,058	-	450,250	67,516	( <sup>3</sup> )
Denmark .....	564,380	64,390	260,205	1,104,080	382,853	188.4
Finland .....	-	-	-	93	-	-
France .....	87,855	73,048	-	783,233	23,683	( <sup>3</sup> )
Ireland .....	64,750	-	167,629	203,229	741,508	-72.6
Italy .....	449,659	368,266	493,363	1,948,791	1,974,654	-1.3
Netherlands .....	175,503	331,361	97,176	1,218,174	592,530	105.6
Norway .....	13,552	-	8,363	20,229	20,263	-2
Portugal .....	42,564	126,615	40,347	285,742	255,743	11.7
Romania .....	-	-	-	3,293	-	-
Spain .....	7,174	28,397	-	35,700	7,506	375.6
Sweden .....	-	-	-	74,824	47,144	58.7
Turkey .....	-	-	158	106	158	-32.9
United Kingdom .....	-	-	22	94,513	22	( <sup>3</sup> )
West Germany .....	192	368	-	68,903	-	-
Yugoslavia .....	-	15,707	-	16,462	23,707	-30.6
Other <sup>2</sup> .....	75,201	7,393	-	82,651	15,319	439.5
<b>Asia Total</b> .....	712,726	648,684	584,242	2,106,834	3,466,555	-39.2
China (Taiwan) .....	523,481	235,711	357,281	1,121,766	1,880,347	-40.3
Israel .....	-	134,215	121,498	134,215	121,498	10.5
Japan .....	189,041	199,481	29,459	622,329	1,051,034	-40.8
Korea, Republic of .....	51	78,290	75,950	224,156	413,539	-45.8
Other <sup>2</sup> .....	153	987	54	4,368	137	( <sup>3</sup> )
<b>Oceania &amp; Australia Total</b> .....	-	-	45	-	964	-
<b>Africa Total</b> .....	151,541	118,738	-	370,882	-	-
Other <sup>2</sup> .....	151,541	118,738	-	370,882	-	-
<b>Total</b> .....	3,381,470	3,042,485	2,952,116	11,903,705	10,028,933	18.7

<sup>1</sup> Includes bituminous, subbituminous, lignite, and anthracite.

<sup>2</sup> Includes countries with exports less than or equal to 50,000 short tons in 1988.

<sup>3</sup> Changes of 500 percent or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 7. Average Price<sup>1</sup> of Steam<sup>2</sup> Coal Exports: May 1989**  
(Dollars per Short Ton)

Continent and Country of Destination	May 1989	April 1989	May 1988	Year to date		
				1989	1988 -	Percent Change
<b>North America Total</b> .....	<b>\$39.37</b>	<b>\$40.41</b>	<b>\$39.11</b>	<b>\$39.91</b>	<b>\$39.19</b>	<b>1.9</b>
Canada .....	39.59	40.46	39.16	39.99	39.28	1.8
Mexico .....	37.75	42.79	37.12	41.53	38.14	8.9
Other <sup>3</sup> .....	30.59	31.75	30.21	30.89	30.21	2.3
<b>South America Total</b> .....	<b>35.89</b>	<b>29.67</b>	-	<b>31.76</b>	<b>43.17</b>	<b>-26.4</b>
Brazil .....	-	-	-	-	43.35	-
Chile .....	35.90	29.54	-	31.66	34.98	-9.5
Other <sup>3</sup> .....	35.00	39.98	-	39.76	35.02	13.5
<b>Europe Total</b> .....	<b>36.18</b>	<b>37.57</b>	<b>39.44</b>	<b>36.57</b>	<b>39.46</b>	<b>-7.3</b>
Belgium & Luxembourg .....	34.62	34.44	-	32.82	33.06	-7
Denmark .....	33.28	31.03	35.64	32.91	36.08	-8.8
Finland .....	-	-	-	39.68	-	-
France .....	31.94	33.82	-	34.62	34.88	-8
Ireland .....	32.96	-	39.42	37.96	39.88	-4.8
Italy .....	40.79	40.79	41.55	40.20	39.98	.6
Netherlands .....	37.17	35.95	40.45	36.06	41.36	-12.8
Norway .....	39.97	-	-	39.97	-	-
Portugal .....	38.10	40.18	35.90	38.40	37.12	3.4
Romania .....	-	-	-	38.78	-	-
Spain .....	-	39.65	-	39.77	39.82	-.1
Sweden .....	-	-	-	35.38	39.08	-9.5
Turkey .....	-	-	36.66	39.74	36.66	8.4
United Kingdom .....	-	-	-	40.32	-	-
West Germany .....	39.93	40.04	-	30.66	-	-
Yugoslavia .....	-	-	-	35.00	39.59	-11.6
Other <sup>3</sup> .....	36.29	-	-	36.29	-	-
<b>Asia Total</b> .....	<b>35.58</b>	<b>36.78</b>	<b>37.80</b>	<b>36.08</b>	<b>38.19</b>	<b>-5.5</b>
China (Taiwan) .....	34.56	34.29	38.88	34.90	39.96	-12.7
Israel .....	-	38.55	36.06	38.55	36.06	6.9
Japan .....	38.38	38.19	38.29	37.08	36.37	1.9
Korea, Republic of .....	39.57	37.67	35.86	37.67	35.45	6.2
Other <sup>3</sup> .....	37.66	36.64	34.91	37.52	38.08	-1.5
<b>Oceania &amp; Australia Total</b> .....	<b>-</b>	<b>-</b>	<b>39.56</b>	<b>-</b>	<b>37.78</b>	<b>-</b>
<b>Africa Total</b> .....	<b>31.35</b>	<b>31.86</b>	<b>-</b>	<b>31.57</b>	<b>-</b>	<b>-</b>
Other <sup>3</sup> .....	31.35	31.86	-	31.57	-	-
<b>Total</b> .....	<b>36.62</b>	<b>37.94</b>	<b>38.98</b>	<b>36.99</b>	<b>38.97</b>	<b>-5.1</b>
<b>U.S. Total<sup>4</sup></b> .....	<b>37.40</b>	<b>38.46</b>	<b>39.35</b>	<b>37.39</b>	<b>39.59</b>	<b>-5.6</b>

<sup>1</sup> Based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of \$28 to \$47 inclusively.

<sup>2</sup> Includes bituminous, subbituminous, lignite, and anthracite.

<sup>3</sup> Includes countries with exports less than or equal to 50,000 short tons in 1988.

<sup>4</sup> Average price of all steam coal exports.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 8. Metallurgical Coal Exports: May 1989**  
(Short Tons)

Continent and Country of Destination	May 1989	April 1989	May 1988	Year to date		
				1989	1988	Percent Change
<b>North America Total</b> .....	803,480	788,795	801,041	1,708,474	1,846,960	-7.5
Canada .....	803,480	788,795	801,041	1,689,623	1,612,804	4.8
Dominican Republic .....	-	-	-	18,851	39,192	-51.9
Mexico .....	-	-	-	-	194,964	-
<b>South America Total</b> .....	369,691	370,119	273,394	2,777,651	1,724,325	61.1
Argentina .....	-	-	-	259,497	118,024	119.9
Brazil .....	369,691	370,119	273,394	2,518,154	1,606,301	56.8
<b>Europe Total</b> .....	3,120,471	3,400,780	2,190,561	15,248,576	11,945,528	27.7
Albania .....	-	24,792	26,137	48,491	78,430	-38.2
Belgium & Luxembourg .....	898,006	477,073	458,440	2,927,875	2,394,943	22.3
France .....	287,119	522,470	197,252	1,926,409	1,728,932	11.4
Ireland .....	-	84,223	-	169,224	5,087	( <sup>1</sup> )
Italy .....	616,218	523,490	502,406	3,003,311	2,491,414	20.5
Netherlands .....	191,924	385,802	229,741	1,439,964	1,059,130	36.0
Norway .....	16,642	7,874	2,437	54,585	70,218	-22.3
Portugal .....	40,508	40,909	-	162,817	40,629	300.7
Romania .....	18,441	88,155	60,620	256,941	418,803	-38.6
Spain .....	331,280	186,503	161,153	1,364,023	909,941	49.9
Sweden .....	-	61,949	68,643	61,949	139,149	-55.5
Turkey .....	60,583	318,123	211,679	727,884	613,783	18.6
United Kingdom .....	491,947	448,087	172,371	2,244,415	1,369,066	63.9
West Germany .....	-	110,195	-	186,526	239,089	-22.0
Yugoslavia .....	167,803	115,933	99,682	661,110	386,914	70.9
Other <sup>2</sup> .....	-	5,202	-	13,052	-	-
<b>Asia Total</b> .....	1,833,255	1,327,044	1,639,305	7,854,309	6,942,405	13.1
China (Taiwan) .....	111,477	-	110,023	322,215	309,392	4.1
Israel .....	148,817	-	-	148,817	-	-
Japan .....	1,188,691	1,075,662	1,023,945	5,884,861	5,374,856	9.5
Korea, Republic of .....	384,270	251,382	505,337	1,468,135	1,230,408	19.3
Pakistan .....	-	-	-	30,281	27,693	9.3
Other <sup>2</sup> .....	-	-	-	-	56	-
<b>Africa Total</b> .....	176,280	174,477	48,296	724,348	420,207	72.4
Algeria .....	127,948	122,405	-	438,596	275,565	59.2
Egypt .....	48,312	52,072	48,296	285,752	144,642	97.6
<b>Total</b> .....	6,303,157	6,061,215	4,952,597	28,313,358	22,879,425	23.8

<sup>1</sup> Changes of 500 percent or more are not shown.

<sup>2</sup> Includes countries with exports less than or equal to 50,000 short tons in 1988.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 9. Average Price<sup>1</sup> of Metallurgical Coal Exports: May 1989**  
(Dollars per Short Ton)

Continent and Country of Destination	May 1989	April 1989	May 1988	Year to date		
				1989	1988	Percent Change
North America Total .....	\$46.01	\$45.32	\$46.95	\$45.51	\$45.82	-0.7
Canada .....	46.01	45.32	46.95	45.62	46.47	-1.8
Dominican Republic .....	-	-	-	38.38	38.70	-6.0
Mexico .....	-	-	-	-	41.83	-
South America Total .....	46.20	45.95	45.03	45.01	43.06	4.5
Argentina .....	-	-	-	44.02	43.09	2.2
Brazil .....	46.20	45.95	45.03	45.12	43.05	4.8
Europe Total .....	44.19	43.70	43.45	44.00	43.26	1.7
Albania .....	-	44.91	37.78	42.50	37.43	13.6
Belgium & Luxembourg .....	44.85	43.62	42.93	44.30	42.90	3.3
France .....	44.38	40.66	44.72	42.72	43.83	-2.5
Ireland .....	-	32.96	-	36.20	-	-
Italy .....	40.27	46.22	44.04	44.80	44.13	1.5
Netherlands .....	44.72	42.90	40.09	43.56	41.42	5.2
Norway .....	-	-	-	-	41.91	-
Portugal .....	43.77	40.82	-	42.01	46.07	-8.8
Romania .....	-	46.48	44.87	43.76	42.42	3.2
Spain .....	-	44.40	-	45.20	43.38	4.2
Sweden .....	-	46.62	46.28	46.62	45.76	1.9
Turkey .....	43.68	43.47	42.18	43.12	42.34	1.8
United Kingdom .....	-	46.17	46.87	45.11	43.81	3.0
West Germany .....	-	43.17	-	43.11	43.59	-1.1
Yugoslavia .....	42.07	44.32	41.88	43.28	42.04	2.9
Asia Total .....	44.63	43.55	44.44	43.86	43.04	1.9
China (Taiwan) .....	45.14	-	42.27	44.71	43.40	3.0
Israel .....	39.92	-	-	39.92	-	-
Japan .....	44.55	43.02	44.31	43.46	42.87	1.4
Korea, Republic of .....	46.54	45.90	45.32	45.68	43.71	4.5
Africa Total .....	44.55	45.07	44.13	45.12	43.21	4.4
Algeria .....	44.04	44.70	-	44.75	42.72	4.7
Egypt .....	45.89	45.95	44.13	45.61	44.13	3.3
Total .....	44.81	44.06	44.50	44.19	43.38	1.8
U.S. Total .....	45.40	44.08	44.98	44.41	43.56	2.0

<sup>1</sup> Based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal exports and fall within the range of \$28 to \$47 inclusively.

<sup>2</sup> Average price of all metallurgical coal exports.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 10. Coal Exports by Custom District: May 1989**  
(Short Tons)

Customs District	May 1989	April 1989	May 1988	Year to date		
				1989	1988	Percent Change
<b>Eastern Total</b> .....	<b>5,853,941</b>	<b>5,535,212</b>	<b>4,214,212</b>	<b>26,841,522</b>	<b>19,986,964</b>	<b>34.3</b>
Baltimore, MD .....	1,277,721	1,071,165	823,375	4,240,713	3,002,402	41.2
Portland, ME .....	-	20	-	159	-	-
Buffalo, NY .....	8,021	7,522	6,353	26,444	27,737	-4.7
New York City, NY .....	105	187	45	1,338	34,443	-96.1
Ogdensburg, NY .....	603	395	407	5,008	2,446	104.7
Philadelphia, PA .....	293,211	184,304	52,073	832,840	265,349	213.9
Norfolk, VA .....	4,274,280	4,271,619	3,331,959	21,735,020	16,654,472	30.5
St. Albans, VT .....	-	-	-	-	115	-
<b>Southern Total</b> .....	<b>1,832,886</b>	<b>1,550,274</b>	<b>1,365,140</b>	<b>8,068,038</b>	<b>8,505,632</b>	<b>-5.1</b>
Mobile, AL .....	736,385	481,362	650,458	3,440,672	3,603,056	-4.5
Savannah, GA .....	-	-	-	725	84	( <sup>1</sup> )
Miami, FL .....	-	395	-	1,175	13	( <sup>1</sup> )
New Orleans, LA .....	1,032,252	927,856	709,961	4,289,330	4,441,118	-3.4
Wilmington, NC .....	-	-	-	70,417	67,554	4.2
Charleston, SC .....	60,056	136,002	2,437	233,579	325,852	-28.3
El Paso, TX .....	-	-	-	-	61	-
Houston-Galveston, TX .....	73	1,481	22	6,180	50,181	-87.7
Laredo, TX .....	4,120	3,178	2,262	25,960	17,713	46.6
<b>Western Total</b> .....	<b>274,351</b>	<b>201,841</b>	<b>276,369</b>	<b>997,970</b>	<b>723,121</b>	<b>38.0</b>
Anchorage, AK .....	-	78,290	75,950	224,105	345,285	-35.1
Los Angeles, CA .....	259,385	121,466	165,968	742,578	341,351	117.5
San Diego, CA .....	2,162	-	130	2,414	680	255.0
San Francisco, CA .....	-	-	-	-	286	-
Great Falls, MT .....	-	41	-	98	332	-70.5
Portland, OR .....	-	84	-	576	-	-
Seattle, WA .....	12,804	1,960	34,321	28,199	35,187	-18.9
<b>Northern Total</b> .....	<b>1,723,449</b>	<b>1,816,373</b>	<b>2,048,992</b>	<b>4,309,533</b>	<b>3,692,641</b>	<b>16.7</b>
Chicago, IL .....	-	-	-	-	176	-
Detroit, MI .....	1,682	4,456	2,091	10,611	11,050	-4.0
Duluth, MN .....	-	-	-	41	-	-
Pembina, ND .....	4,011	1,921	-	13,829	615	( <sup>1</sup> )
Cleveland, OH .....	1,717,756	1,809,996	2,046,901	4,285,052	3,680,800	16.4
<b>Total</b> .....	<b>9,684,627</b>	<b>9,103,700</b>	<b>7,904,713</b>	<b>40,217,063</b>	<b>32,908,358</b>	<b>22.2</b>

<sup>1</sup> Changes of 500 percent or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 11. Coke Exports: May 1989**  
(Short Tons)

Continent and Country of Destination	May 1989	April 1989	May 1988	Year to date		
				1989	1988	Percent Change
North America Total .....	54,130	63,541	66,272	236,410	155,547	52.0
Canada .....	43,557	53,015	60,015	168,490	123,684	36.2
Mexico .....	10,367	10,503	6,128	67,505	31,584	113.7
Other <sup>1</sup> .....	206	23	129	415	279	48.7
South America Total .....	-	-	61,736	21,475	84,578	-74.6
Brazil .....	-	-	52,083	-	52,083	-
Venezuela .....	-	-	9,653	21,475	32,495	-33.9
Europe Total .....	-	1,781	28,932	34,474	39,049	-11.7
Other <sup>1</sup> .....	-	1,781	28,932	34,474	39,049	-11.7
Asia Total .....	71,756	-	79,701	71,756	153,989	-53.4
Japan .....	71,756	-	15,046	71,756	29,754	141.2
Philippines .....	-	-	64,655	-	124,235	-
Total .....	125,886	65,322	236,641	364,115	433,163	-15.9

<sup>1</sup> Includes countries with exports less than or equal to 50,000 short tons in 1988.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report EM 522."

**Table 12. Coal Imports<sup>1</sup>: May 1989**  
(Short Tons)

Continent and Country of Origin	May 1989	April 1989	May 1988	Year to date		
				1989	1988	Percent Change
North America Total .....	169,379	96,746	79,013	473,214	345,770	36.9
Canada .....	165,725	91,729	75,467	447,286	321,749	39.0
Mexico .....	3,654	5,017	3,546	25,928	24,021	7.9
South America Total .....	119,469	61,024	101,989	504,774	451,539	11.8
Colombia .....	93,188	61,024	101,989	413,363	408,844	1.1
Venezuela .....	26,281	-	-	91,411	42,695	114.1
Europe Total .....	-	-	377	-	377	-
Denmark .....	-	-	177	-	177	-
West Germany .....	-	-	200	-	200	-
Asia Total .....	23,149	-	42,189	23,200	42,190	-45.0
China (Peking) .....	23,149	-	-	23,149	-	-
Hong Kong .....	-	-	-	-	1	-
Japan .....	-	-	42,189	-	42,189	-
Korea, Republic of .....	-	-	-	51	-	-
Oceania & Australia Total .....	-	-	-	-	32,475	-
Australia .....	-	-	-	-	32,475	-
Total .....	311,997	157,770	223,568	1,001,188	872,351	14.8

<sup>1</sup> Includes Puerto Rico.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

**Table 13. Average Price<sup>1</sup> of Coal Imports<sup>2</sup>: May 1989**  
(Dollars per Short Ton)

Continent and Country of Origin	May 1989	April 1989	May 1988	Year to date		
				1989	1988	Percent Change
North America Total .....	\$23.18	\$24.19	\$29.09	\$23.59	\$26.49	-10.9
Canada .....	23.12	23.88	29.15	23.24	28.18	-11.2
Mexico .....	25.36	28.56	27.89	28.57	30.08	-5.0
South America Total .....	33.25	28.99	28.79	32.79	28.25	16.1
Colombia .....	34.83	28.99	28.79	32.94	28.68	14.9
Venezuela .....	27.66	-	-	32.14	24.75	29.9
Europe Total .....	-	-	36.28	-	36.28	-
Denmark .....	-	-	36.28	-	36.28	-
Oceania & Australia Total .....	-	-	-	-	27.47	-
Australia .....	-	-	-	-	27.47	-
Total .....	27.49	26.33	28.98	28.78	27.48	4.7
U.S. Total <sup>3</sup> .....	32.19	31.46	43.49	32.85	32.46	1.2

<sup>1</sup> Based on the free alongside ship (f.a.s.) value. The average prices presented in this table are considered to be representative prices for coal imports and fall within the range of \$20 to \$38 inclusively.

<sup>2</sup> Includes Puerto Rico.

<sup>3</sup> Average price of all coal imports.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

**Table 14. Coal Imports by Customs District: May 1989**  
(Short Tons)

Customs District	May 1989	April 1989	May 1988	Year to date		
				1989	1988	Percent Change
Eastern Total .....	18	33,914	74,230	33,932	127,903	-73.5
Boston, MA .....	-	-	177	-	177	-
Baltimore, MD .....	-	-	200	-	200	-
Portland, ME .....	-	-	31,664	-	51,329	-
Ogdensburg, NY .....	18	-	-	18	-	-
Philadelphia, PA .....	-	33,914	42,189	33,914	76,197	-55.5
Southern Total .....	123,104	32,127	105,535	496,769	441,552	12.5
Tampa, FL .....	93,188	-	54,070	322,285	195,655	64.7
New Orleans, LA .....	-	-	-	-	42,695	-
San Juan, PR .....	26,281	27,110	47,919	148,575	179,181	-17.1
Laredo, TX .....	3,635	5,017	3,546	25,909	24,021	7.9
Western Total .....	27,086	14,324	5,476	87,586	82,343	6.4
San Diego, CA .....	19	-	-	19	-	-
San Francisco, CA .....	23,149	-	-	23,200	17,000	36.5
Honolulu, HI .....	-	-	-	-	32,475	-
Great Falls, MT .....	3,918	14,104	5,476	56,623	30,192	87.5
Seattle, WA .....	-	220	-	7,744	2,676	189.4
Northern Total .....	161,789	77,405	38,327	382,901	220,553	73.6
Chicago, IL .....	135,214	28,722	25,286	163,936	127,143	28.9
Duluth, MN .....	-	431	-	431	-	-
Pembina, ND .....	26,575	48,252	13,041	218,534	93,410	134.0
Total .....	311,997	157,770	223,568	1,001,188	872,351	14.8

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."



**Table 15. Coke Imports: May 1989**  
(Short Tons)

Continent and Country of Origin	May 1989	April 1989	May 1988	Year to date		
				1989	1988	Percent Change
<b>North America Total</b> .....	66,478	5,868	1,908	178,311	78,764	126.4
Canada .....	66,478	5,868	1,908	177,877	78,642	126.2
Mexico .....	-	-	-	434	122	255.7
<b>Europe Total</b> .....	143,083	120,152	-	452,046	120,785	274.3
Belgium & Luxembourg .....	-	38,581	-	98,283	-	-
France .....	-	-	-	36,872	-	-
Italy .....	-	-	-	-	47,468	-
Netherlands .....	17,244	-	-	17,244	24,809	-30.5
Poland .....	-	17,708	-	17,708	-	-
United Kingdom .....	-	-	-	28,582	-	-
West Germany .....	77,992	63,863	-	205,510	11	( <sup>1</sup> )
Yugoslavia .....	47,847	-	-	47,847	48,497	-1.3
<b>Asia Total</b> .....	102,844	185,468	82,497	465,924	413,299	12.7
China (Peking) .....	23,103	-	-	67,054	-	-
Japan .....	79,741	185,468	82,497	398,870	413,299	-3.5
<b>Oceania &amp; Australia Total</b> .....	42,468	31,498	89,469	288,386	357,107	-19.2
Australia .....	42,468	31,498	89,469	288,386	357,107	-19.2
<b>Total</b> .....	354,873	342,986	173,874	1,384,667	969,955	42.8

<sup>1</sup> Changes of 500 percent or more are not shown.

Note: Total may not equal sum of components because of independent rounding.

Source: Bureau of the Census, U.S. Department of Commerce, "Monthly Report IM 145."

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